

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121225\  
 Data File : BN038360.D  
 Acq On : 12 Dec 2025 21:31  
 Operator : RC/JU  
 Sample : DFTPP  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DFTPP

Quant Time: Dec 15 07:53:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 10 13:56:50 2025  
 Response via : Initial Calibration

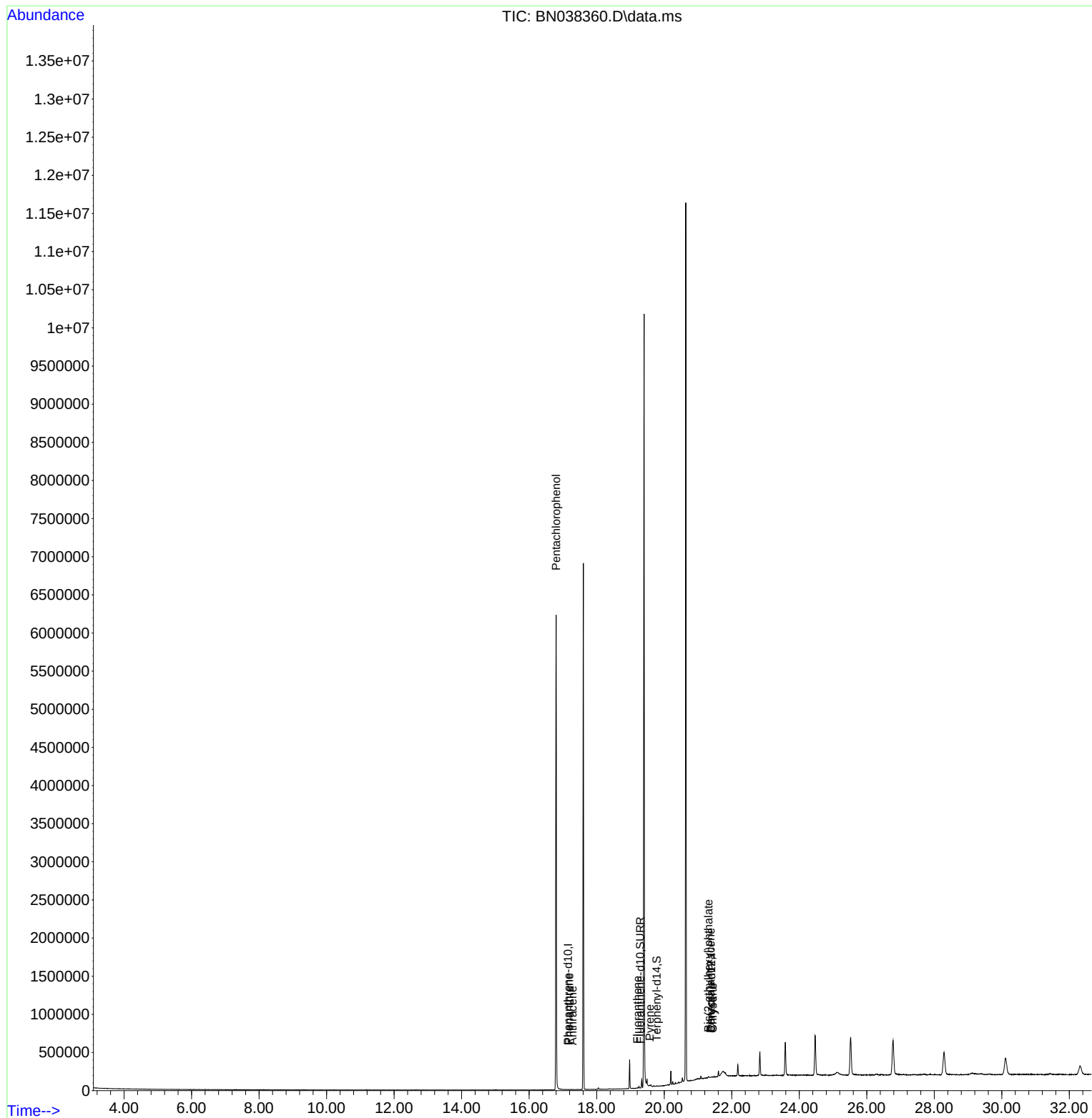
| Compound                      | R.T.   | QIon | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|----------|----------|-------|----------|
| -----                         |        |      |          |          |       |          |
| Internal Standards            |        |      |          |          |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 0.000  | 152  | 0        | 0.000    | ng    | -7.72    |
| 7) Naphthalene-d8             | 0.000  | 136  | 0        | 0.000    | ng    | -10.53   |
| 13) Acenaphthene-d10          | 0.000  | 164  | 0        | 0.000    | ng    | -14.40   |
| 19) Phenanthrene-d10          | 17.151 | 188  | 869      | 0.400    | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.398 | 240  | 2231     | 0.400    | ng    | 0.06     |
| 35) Perylene-d12              | 0.000  | 264  | 0        | 0.000    | ng    | -23.63   |
|                               |        |      |          |          |       |          |
| System Monitoring Compounds   |        |      |          |          |       |          |
| 4) 2-Fluorophenol             | 0.000  | 112  | 0        | 0.000    | ng    |          |
| 5) Phenol-d6                  | 0.000  | 99   | 0        | 0.000    | ng    |          |
| 8) Nitrobenzene-d5            | 0.000  | 82   | 0        | 0.000    | ng    |          |
| 11) 2-Methylnaphthalene-d10   | 0.000  | 152  | 0        | 0.000    | ng    |          |
| 14) 2,4,6-Tribromophenol      | 0.000  | 330  | 0        | 0.000    | ng    |          |
| 15) 2-Fluorobiphenyl          | 13.016 | 172  | 306      | 0.000    | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.292 | 212  | 228      | 0.106    | ng    | 0.10     |
| 31) Terphenyl-d14             | 19.780 | 244  | 4355     | 0.875    | ng    | -0.01    |
|                               |        |      |          |          |       |          |
| Target Compounds              |        |      |          |          |       | Qvalue   |
| 24) Pentachlorophenol         | 16.798 | 266  | 1028431  | 3400.379 | ng    | 97       |
| 25) Phenanthrene              | 17.186 | 178  | 568      | 0.188    | ng    | # 70     |
| 26) Anthracene                | 17.281 | 178  | 528      | 0.202    | ng    | # 61     |
| 28) Fluoranthene              | 19.204 | 202  | 1000     | 0.311    | ng    | # 64     |
| 30) Pyrene                    | 19.575 | 202  | 1383     | 0.126    | ng    | # 86     |
| 32) Benzo(a)anthracene        | 21.375 | 228  | 1296     | 0.150    | ng    | # 88     |
| 33) Chrysene                  | 21.439 | 228  | 1165     | 0.123    | ng    | # 89     |
| 34) Bis(2-ethylhexyl)phtha... | 21.310 | 149  | 6022     | 1.274    | ng    | # 84     |
| -----                         |        |      |          |          |       |          |

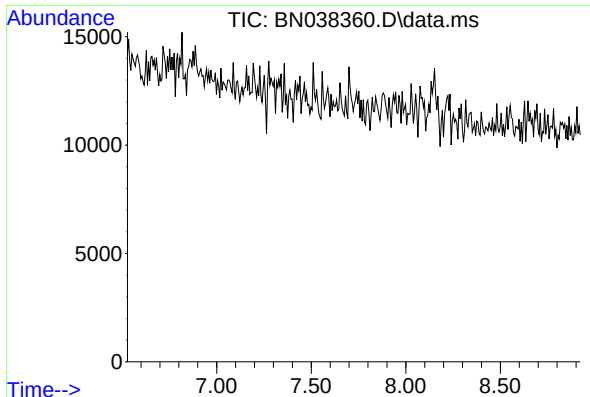
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121225\  
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Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

Quant Time: Dec 15 07:53:35 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 10 13:56:50 2025  
Response via : Initial Calibration

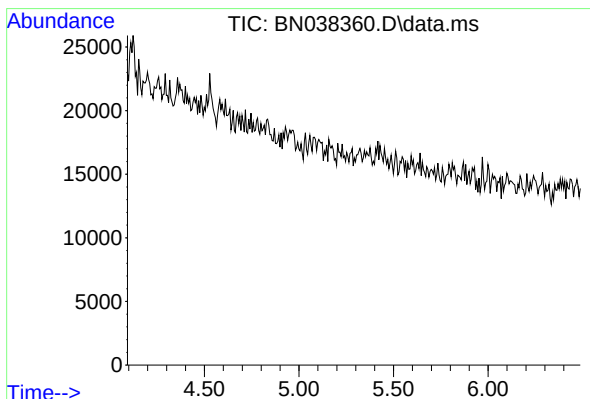
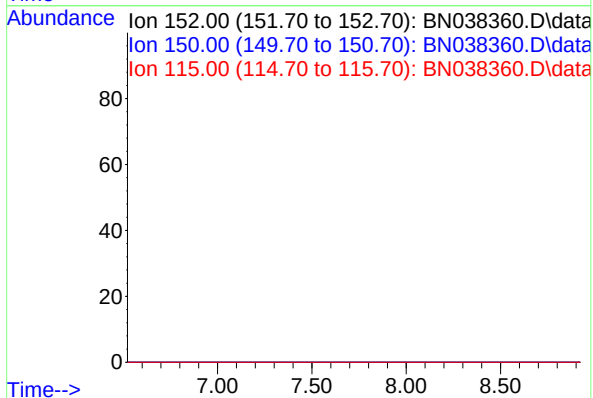




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.000 ng  
Expected RT: 7.72 min  
  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

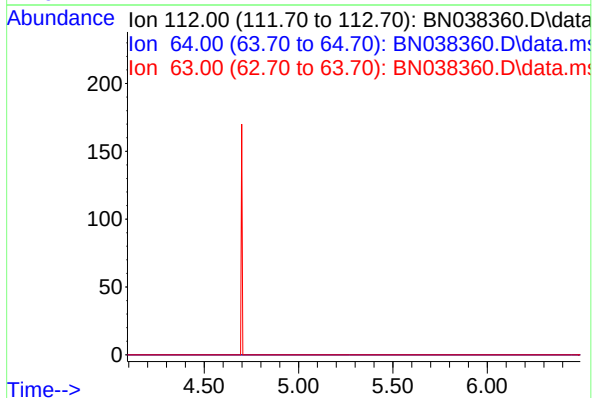
Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

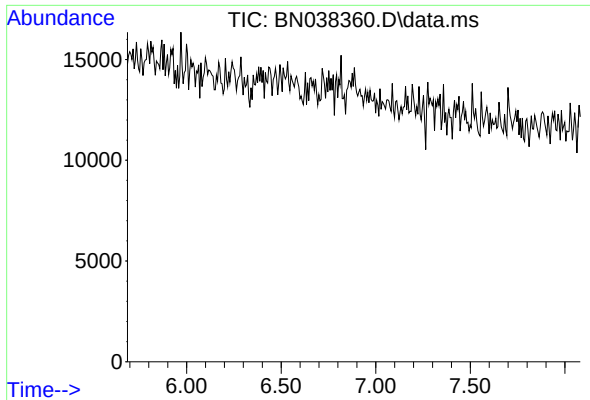
Tgt Ion: 152  
Sig Exp Ratio  
152 100  
150 153.0  
115 59.1



#4  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.29 min  
  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 55.5  
63 29.2

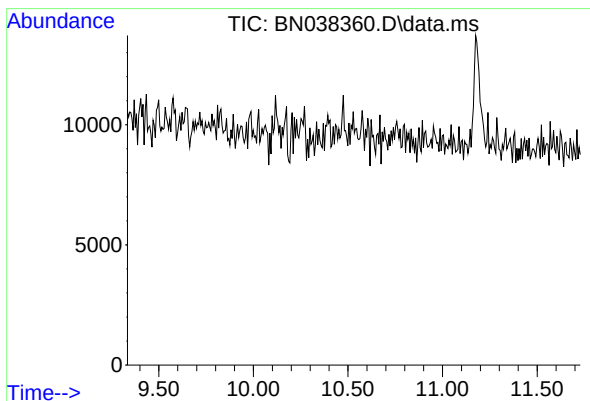
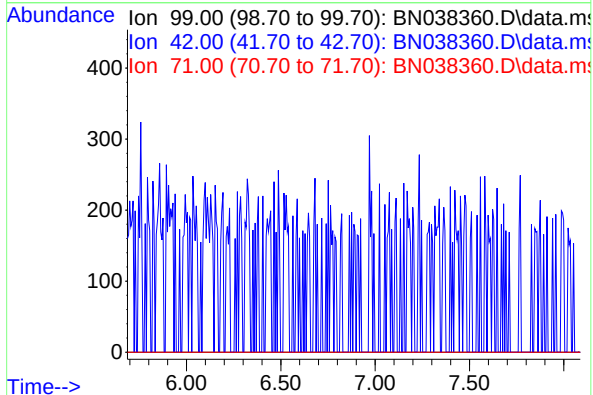




#5  
Phenol-d6  
Concen: 0.000 ng  
Expected RT: 6.89 min  
  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

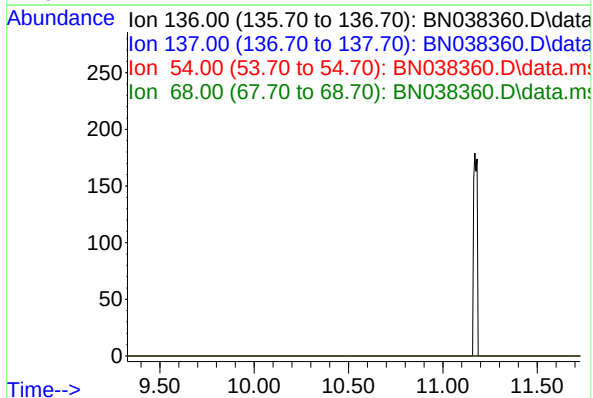
Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

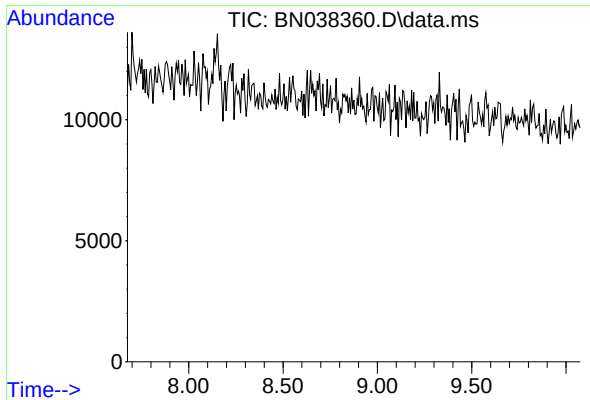
Tgt Ion: 99  
Sig Exp Ratio  
99 100  
42 20.6  
71 31.1



#7  
Naphthalene-d8  
Concen: 0.000 ng  
Expected RT: 10.53 min  
  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

Tgt Ion: 136  
Sig Exp Ratio  
136 100  
137 11.4  
54 6.5  
68 5.1

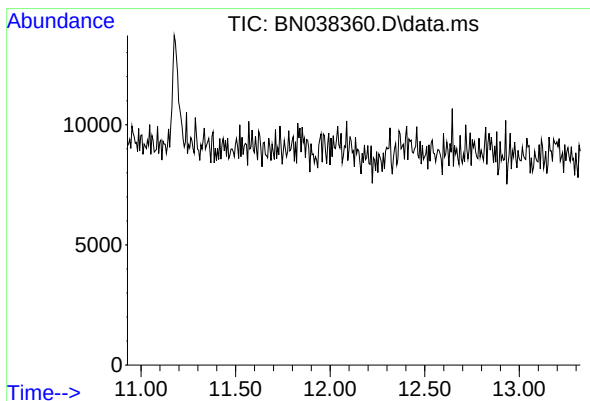
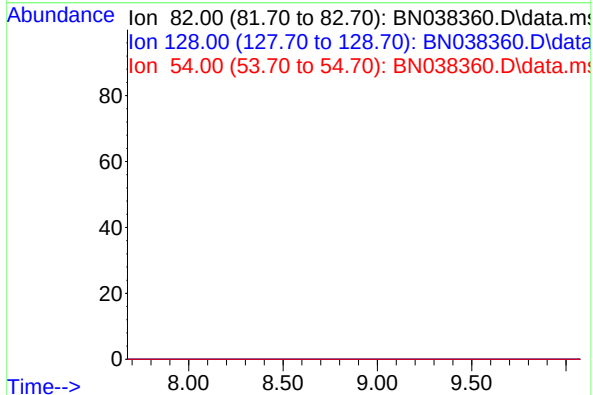




#8  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 8.88 min  
  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

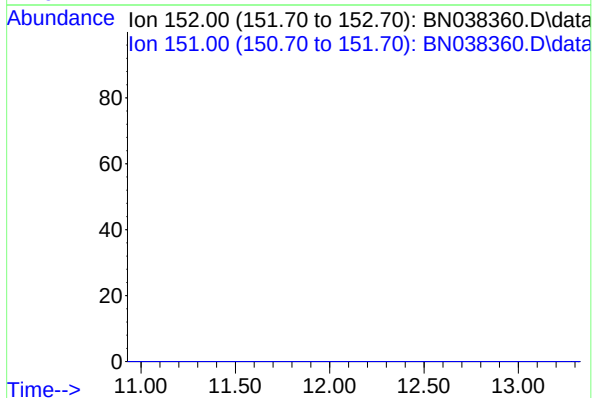
Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

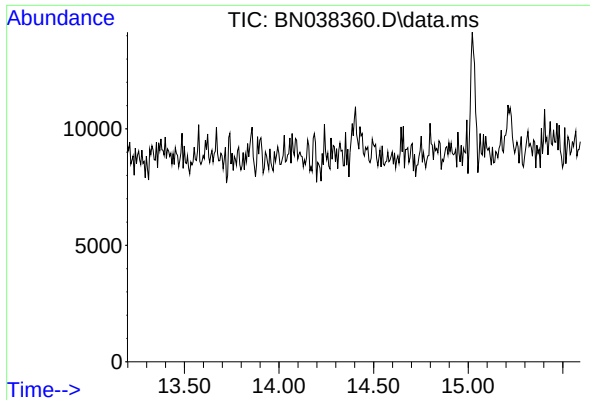
Tgt Ion: 82  
Sig Exp Ratio  
82 100  
128 42.5  
54 55.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.000 ng  
Expected RT: 12.13 min  
  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

Tgt Ion: 152  
Sig Exp Ratio  
152 100  
151 21.3



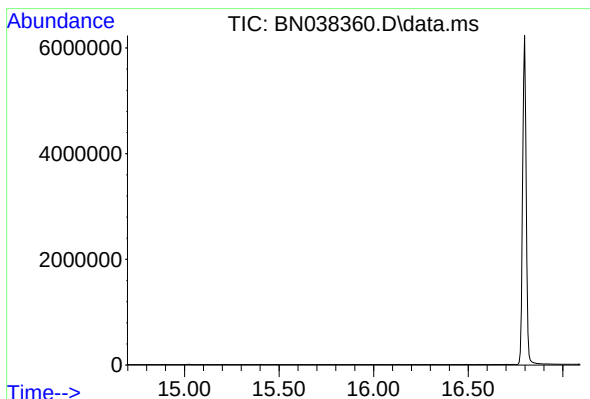
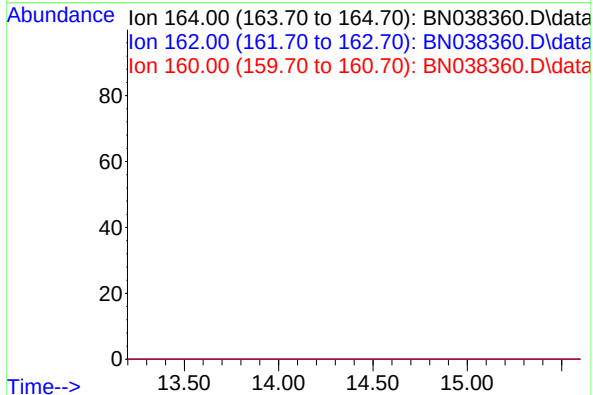


#13  
 Acenaphthene-d10  
 Concen: 0.000 ng  
 Expected RT: 14.40 min  
 Lab File: BN038360.D  
 Acq: 12 Dec 2025 21:31

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DFTPP

Tgt Ion: 164  

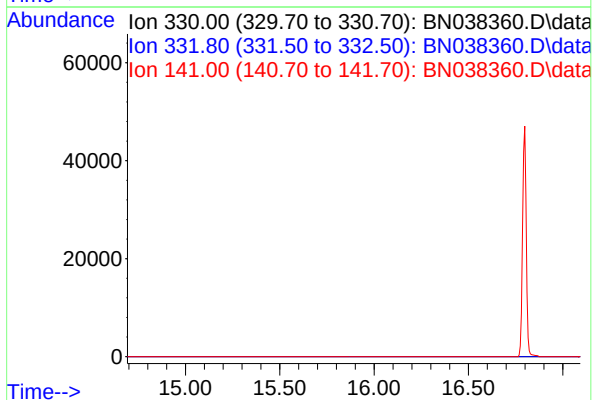
| Sig | Exp Ratio |
|-----|-----------|
| 164 | 100       |
| 162 | 107.8     |
| 160 | 55.8      |

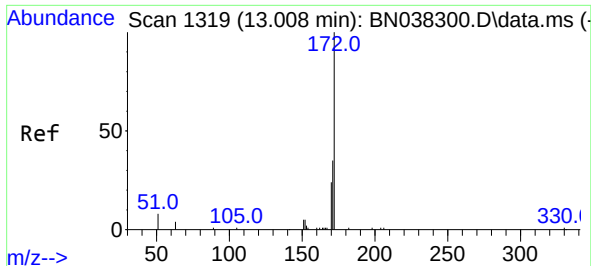


#14  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 15.89 min  
 Lab File: BN038360.D  
 Acq: 12 Dec 2025 21:31

Tgt Ion: 330  

| Sig | Exp Ratio |
|-----|-----------|
| 330 | 100       |
| 332 | 94.7      |
| 141 | 39.8      |

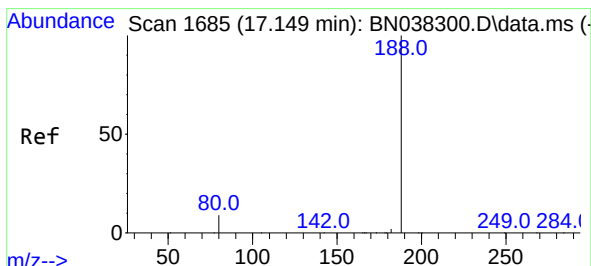
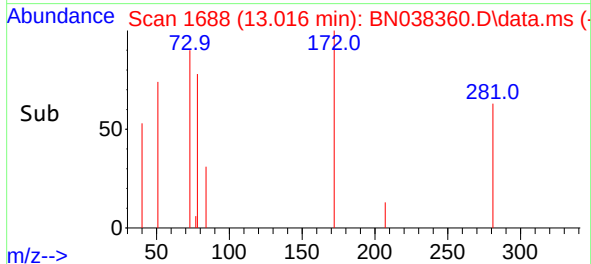
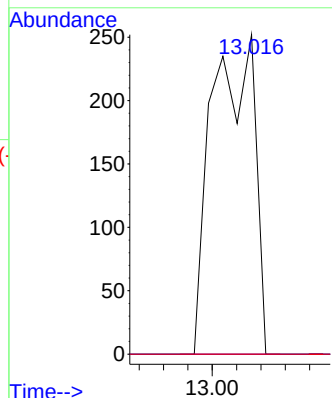
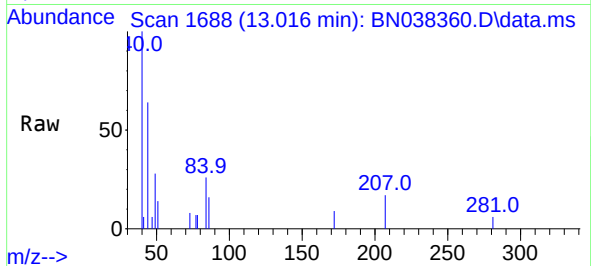




#15  
2-Fluorobiphenyl  
Concen: 0.000 ng  
RT: 13.016 min Scan# 1  
Delta R.T. 0.008 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

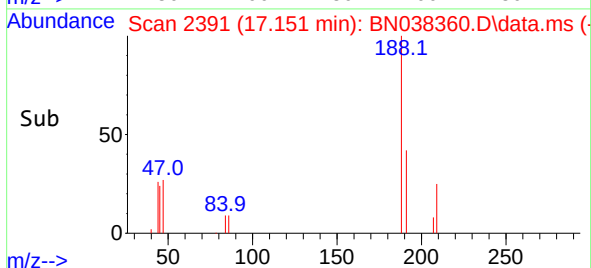
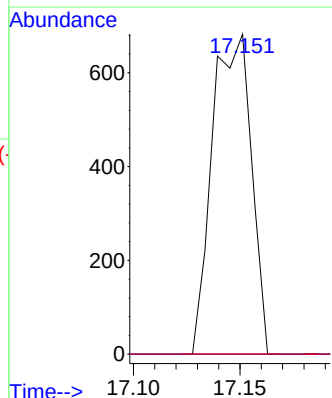
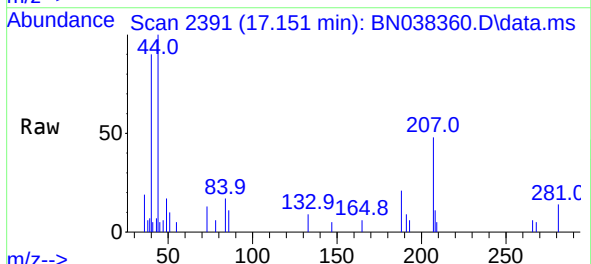
Instrument :  
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DFTPP

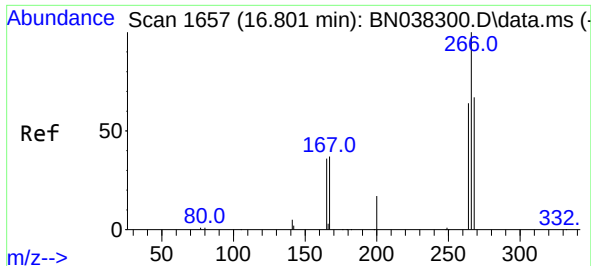
Tgt Ion:172 Resp: 306  
Ion Ratio Lower Upper  
172 100  
171 0.0 28.6 42.8#  
170 0.0 19.3 28.9#



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.151 min Scan# 2391  
Delta R.T. 0.003 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

Tgt Ion:188 Resp: 869  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 0.0 7.4 11.0#

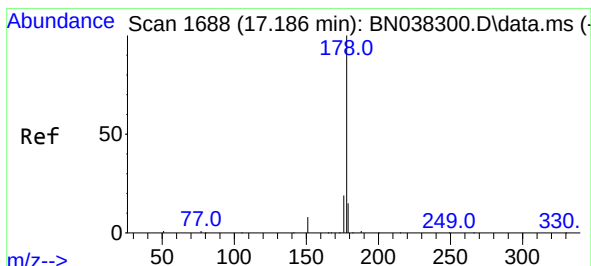
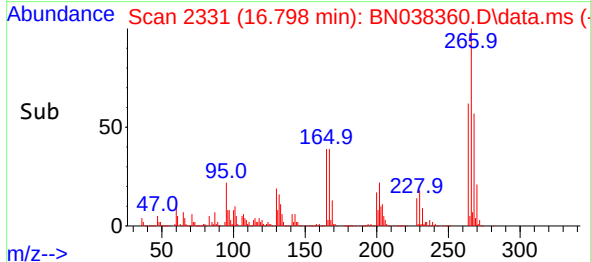
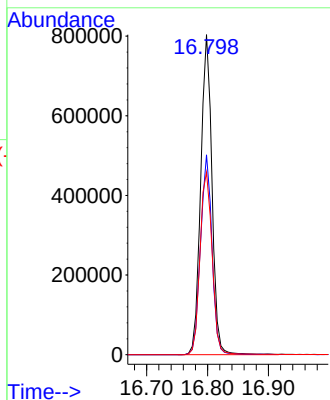
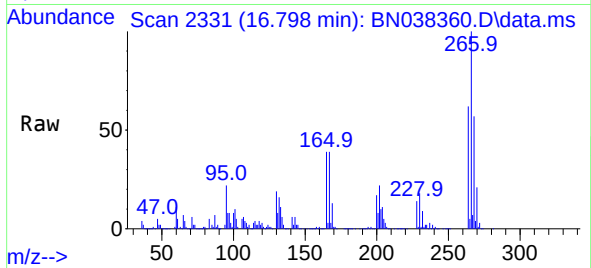




#24  
Pentachlorophenol  
Concen: 3400.379 ng  
RT: 16.798 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

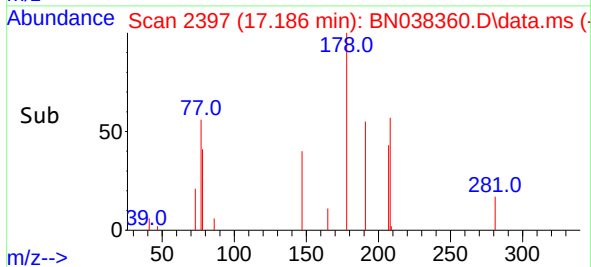
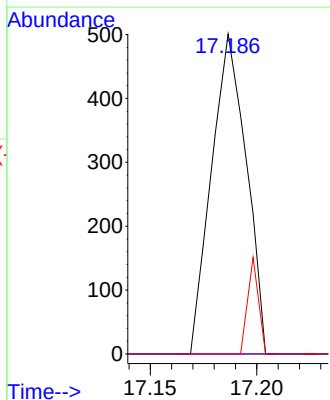
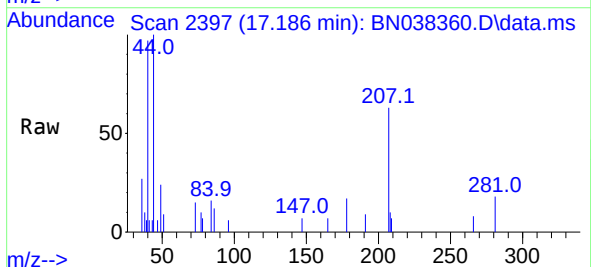
Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

Tgt Ion:266 Resp: 1028431  
Ion Ratio Lower Upper  
266 100  
264 63.4 50.2 75.2  
268 61.6 52.6 78.8

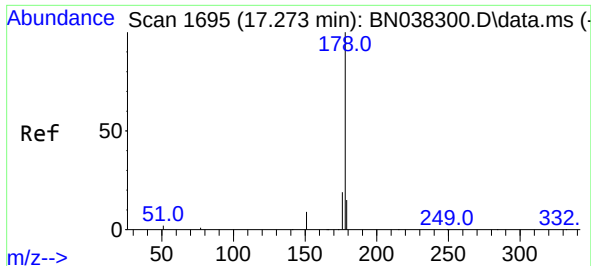


#25  
Phenanthrene  
Concen: 0.188 ng  
RT: 17.186 min Scan# 2397  
Delta R.T. 0.001 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

Tgt Ion:178 Resp: 568  
Ion Ratio Lower Upper  
178 100  
176 0.0 15.5 23.3#  
179 9.3 12.2 18.2#



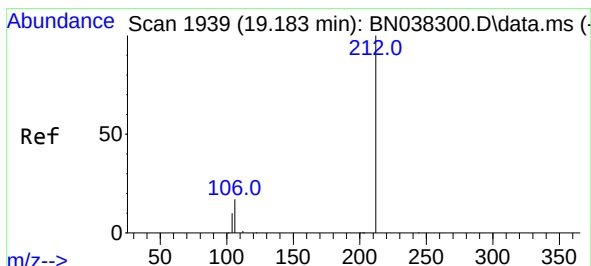
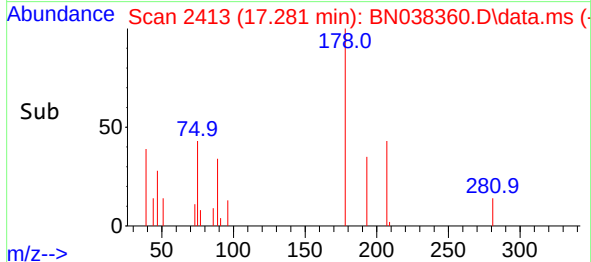
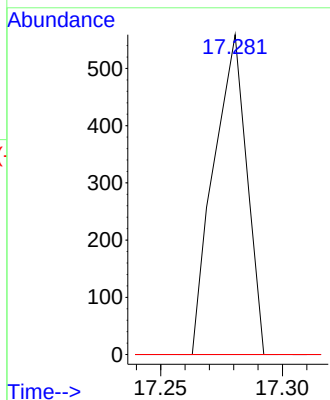
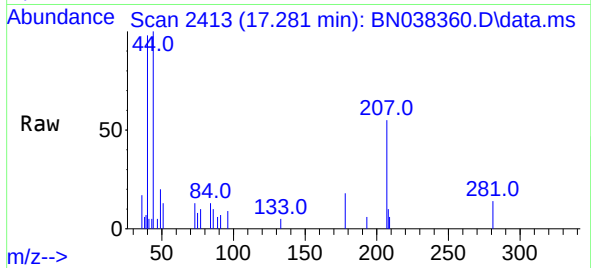




#26  
 Anthracene  
 Concen: 0.202 ng  
 RT: 17.281 min Scan# 24  
 Delta R.T. -0.004 min  
 Lab File: BN038360.D  
 Acq: 12 Dec 2025 21:31

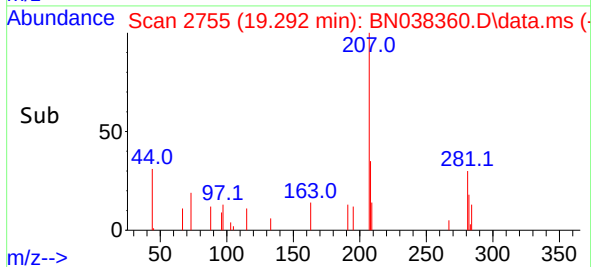
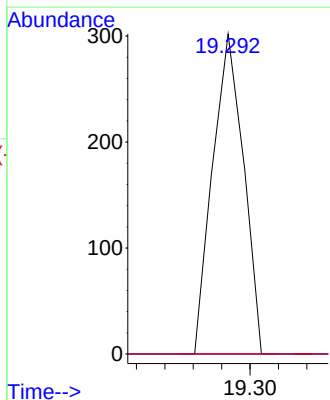
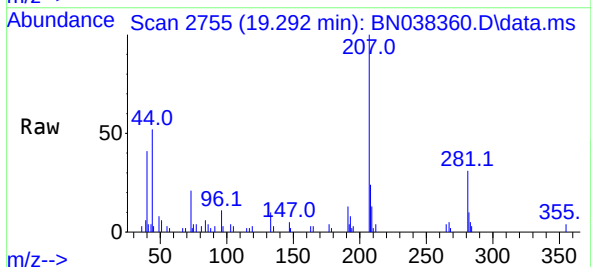
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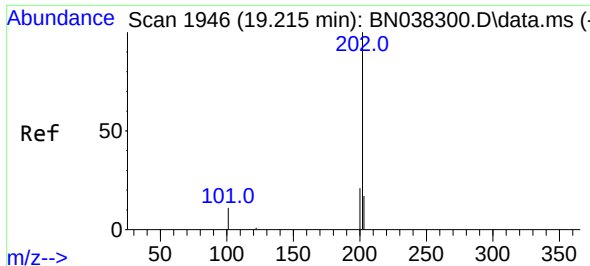
Tgt Ion:178 Resp: 528  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 15.1 22.7#  
 179 0.0 12.0 18.0#



#27  
 Fluoranthene-d10  
 Concen: 0.106 ng  
 RT: 19.292 min Scan# 2755  
 Delta R.T. 0.105 min  
 Lab File: BN038360.D  
 Acq: 12 Dec 2025 21:31

Tgt Ion:212 Resp: 228  
 Ion Ratio Lower Upper  
 212 100  
 106 0.0 13.7 20.5#  
 104 0.0 7.8 11.8#

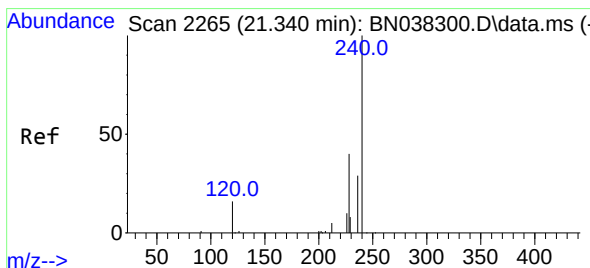
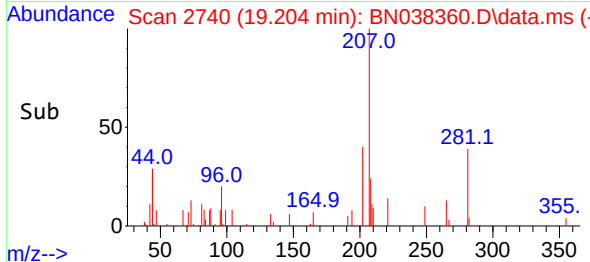
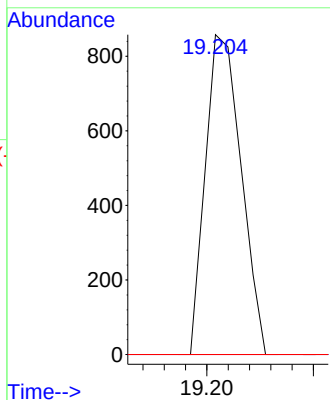
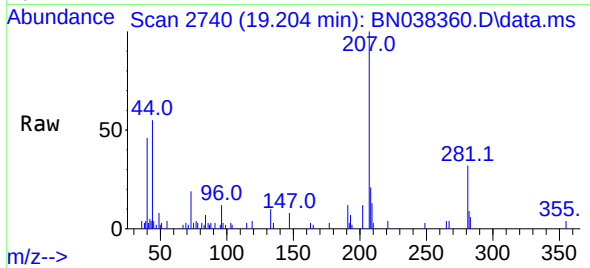




#28  
Fluoranthene  
Concen: 0.311 ng  
RT: 19.204 min Scan# 2113  
Delta R.T. -0.016 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

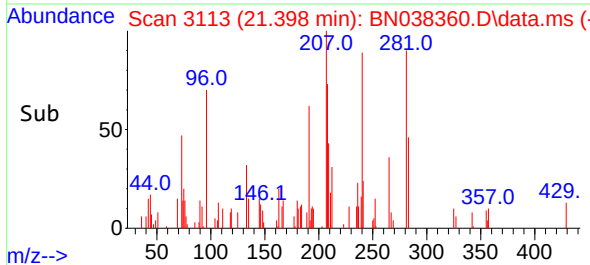
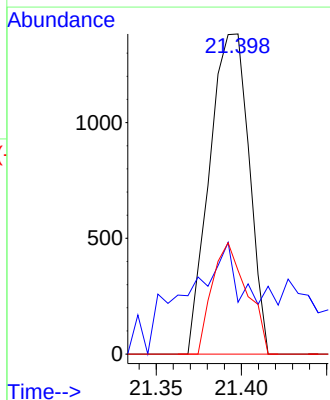
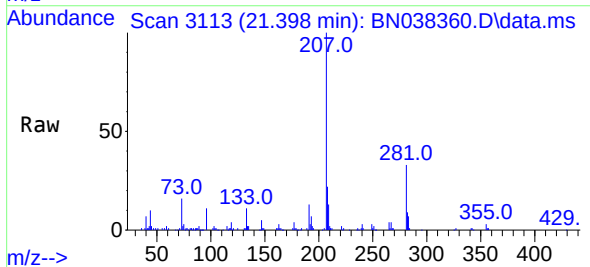
Instrument :  
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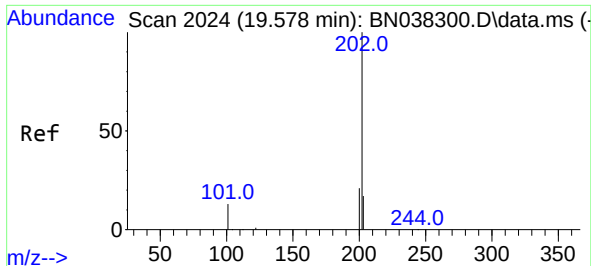
Tgt Ion:202 Resp: 1000  
Ion Ratio Lower Upper  
202 100  
101 0.0 9.6 14.4#  
203 0.0 13.5 20.3#



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.398 min Scan# 3113  
Delta R.T. 0.058 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

Tgt Ion:240 Resp: 2231  
Ion Ratio Lower Upper  
240 100  
120 16.2 15.4 23.2  
236 26.1 23.9 35.9

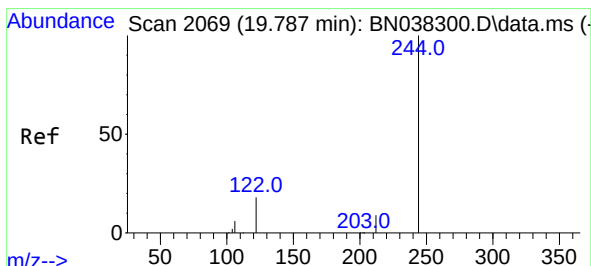
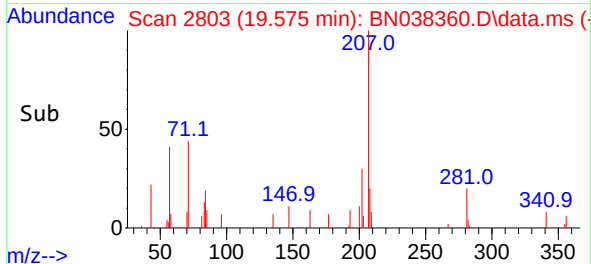
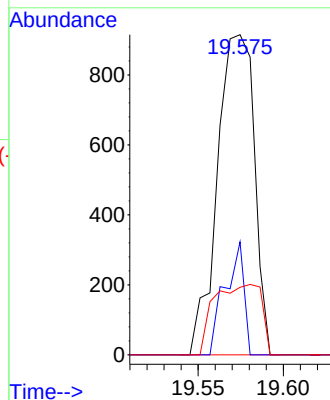
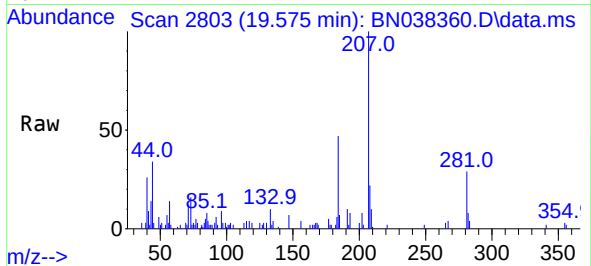




#30  
Pyrene  
Concen: 0.126 ng  
RT: 19.575 min Scan# 21  
Delta R.T. -0.008 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

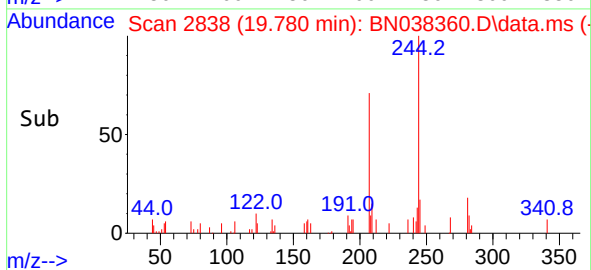
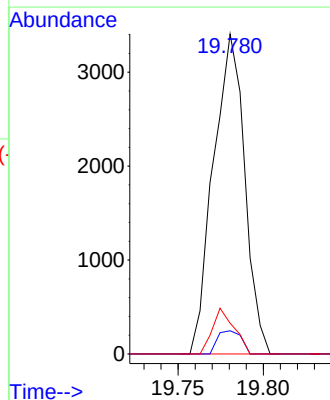
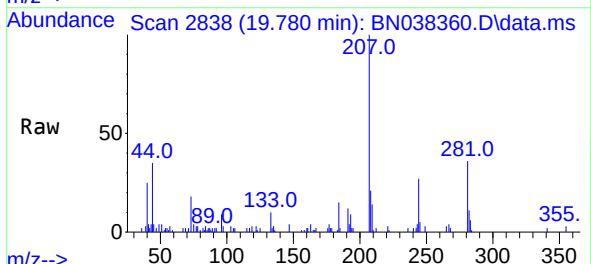
Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

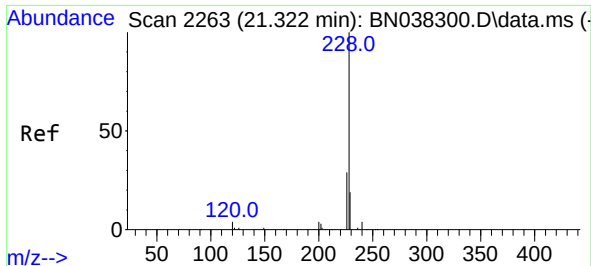
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 1383  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 18.0  | 16.9  | 25.3  |
| 203      | 28.1  | 14.2  | 21.2# |



#31  
Terphenyl-d14  
Concen: 0.875 ng  
RT: 19.780 min Scan# 2838  
Delta R.T. -0.011 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 4355  |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 7.3   | 7.9   | 11.9# |
| 122      | 9.6   | 15.0  | 22.6# |

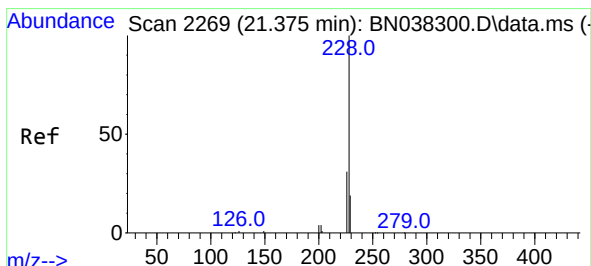
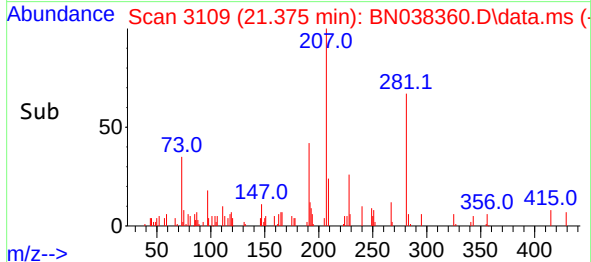
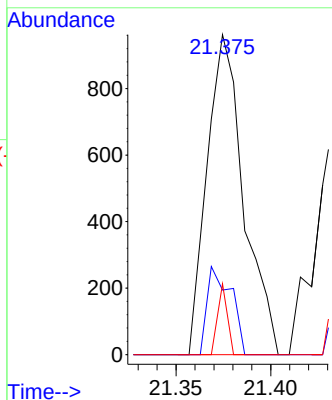
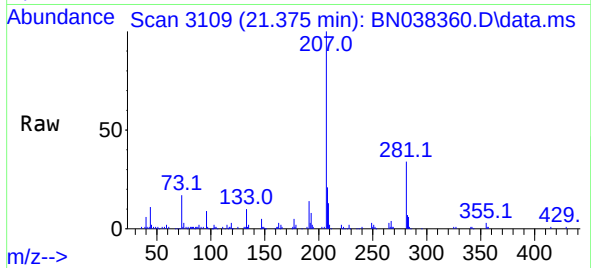




#32  
Benzo(a)anthracene  
Concen: 0.150 ng  
RT: 21.375 min Scan# 3109  
Delta R.T. 0.044 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

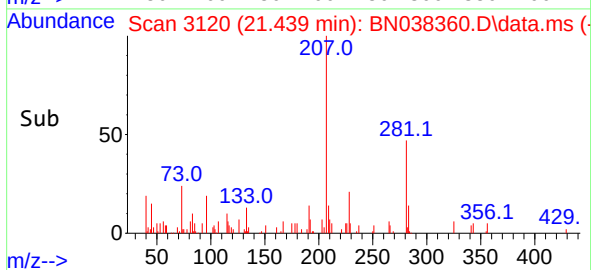
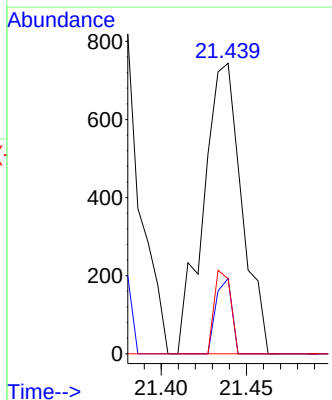
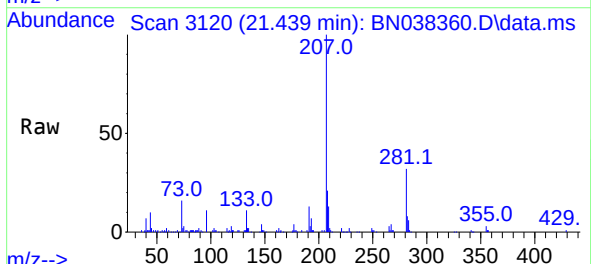
Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

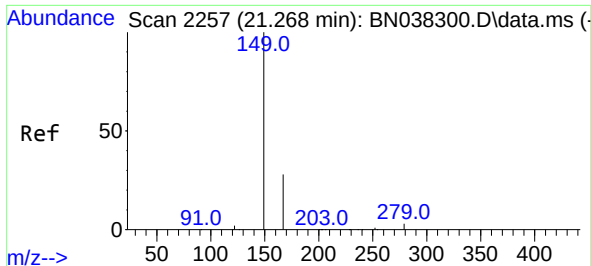
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 1296  |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 20.2  | 23.3  | 34.9# |
| 229       | 22.1  | 15.7  | 23.5  |



#33  
Chrysene  
Concen: 0.123 ng  
RT: 21.439 min Scan# 3120  
Delta R.T. 0.064 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

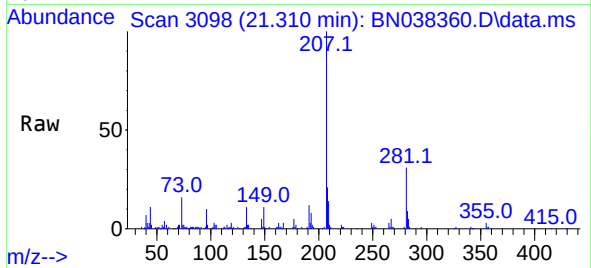
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 1165  |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 25.9  | 25.0  | 37.4  |
| 229       | 25.8  | 15.5  | 23.3# |



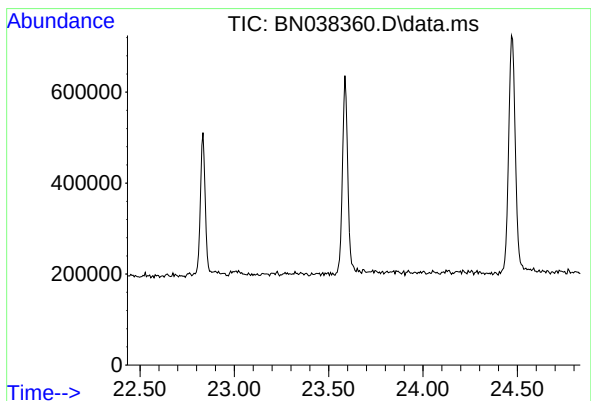
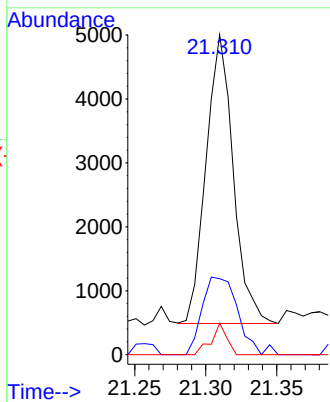
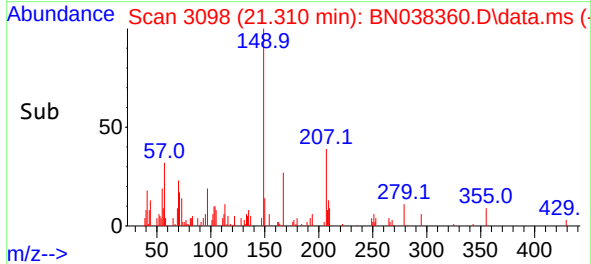


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 1.274 ng  
RT: 21.310 min Scan# 3098  
Delta R.T. 0.042 min  
Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP



Tgt Ion:149 Resp: 6022  
Ion Ratio Lower Upper  
149 100  
167 35.4 21.4 32.0#  
279 6.1 2.4 3.6#



#35  
Perylene-d12  
Concen: 0.000 ng  
Expected RT: 23.63 min

Lab File: BN038360.D  
Acq: 12 Dec 2025 21:31

Tgt Ion: 264  
Sig Exp Ratio  
264 100  
260 27.7  
265 100.2

